

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: Thomas J. Hudson, James C. Engert and Andrea Richter  
Serial No.: 09/693,205 Group Art Unit: 1653  
Filed: October 20, 2000 Examiner: C. Kam  
Confirmation No.: 7268  
For: Identification of ARSACS Mutations and Methods of Use Therefor

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| Typed or printed name of person signing certificate   |                    |

TRANSMITTAL OF SUBSTITUTE SEQUENCE LISTING

Assistant Commissioner for Patents  
Box Sequence, P.O. Box 2327  
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Sir:

Transmitted herewith is a copy of a Substitute "Sequence Listing" in paper form (sheets 1/83 through 83/83) for the above-identified patent application as required by 37 C.F.R. §§ 1.825(a) and 1.821(c), and a copy of the Substitute "Sequence Listing" in computer readable form as required by 37 C.F.R. §§ 1.825(b) and 1.821(e).

As required by 37 C.F.R. § 1.825(b), Applicants' Attorney hereby states that the contents of the Substitute "Sequence Listing" in paper form and in the computer readable form submitted herewith are the same and, as required by 37 C.F.R. § 1.825(a), also states that the submission includes no new matter.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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